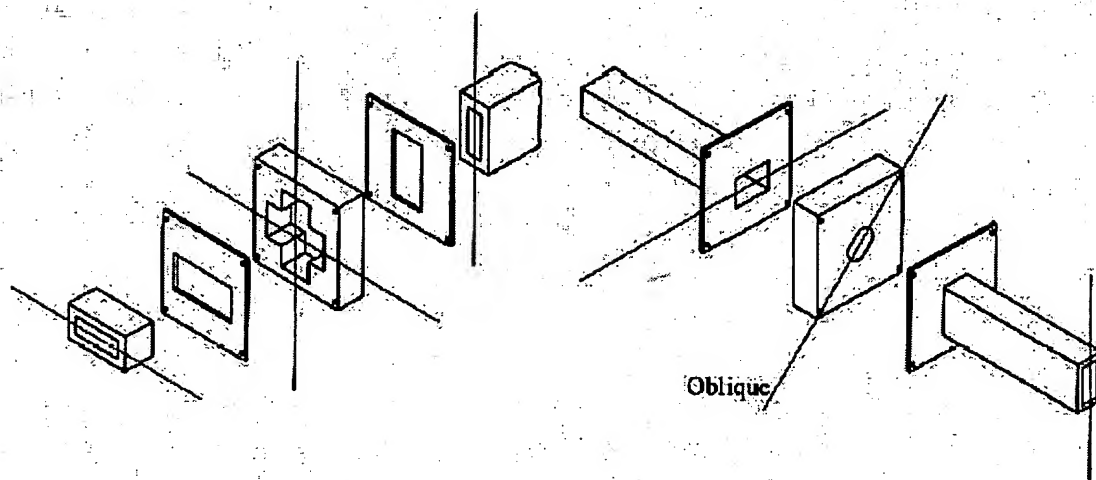


REMARKS

Claims 40-44 are pending in the application. The Applicants submit all the Claims 40-44 are in condition for allowance.

Claim 40 recites *inter alia*, “wherein the aperture is defined by two side walls parallel with a plane oblique to the first and second polarizations”. The aperture of Seling is defined within a cruciform by side walls that are parallel and perpendicular alternatively to the first and second polarizations. The side walls defining the aperture of Seling are thus not parallel to a plane oblique to the first and second polarizations. An representation of the Applicant’s claimed invention and Seling is shown to illustrate the point.



Claim 43, recites *inter alia*, “wherein the physical configuration of the wave guide includes a continuous unobstructed aperture defined by two side walls parallel with a plane oblique to said two orthogonal polarizations”. Claim 44 recites *inter alia*,

“wherein the slot continuously extends between the first and second wave guides along a longitudinal axis and is oblique to the two orthogonal polarizations” The Applicant asserts that the slot of Seling is “formed between the probes 36, 38 illustrated in Figures 3 and 4 does not continuously extend between the first and second wave guides, but rather located only at the midpoint. Seling states “because of the angularity of the probes, this reorientation produces a partial rotation of the electric potential vectors at the midpoint of the coupling member” Col. 2, lines 58-61. Therefore the slot is not continuous between the first and second wave guides.

Additionally, as described above the aperture or slot respectively are not oblique to each of the orthogonal polarizations of Seling.

Claim 44 recites: “wherein the slot continuously extends between the first and second wave guides along a longitudinal axis and is oblique to the two orthogonal polarizations.”

Respectfully submitted,



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